

85.1



1) Work out  $10 - 1.6 \times 0.7$

2) Complete the ratio  $3 : ? = 1 : 9$

3) Solve  $4x - 6 = 7 + 2x$

4) Does the point  $(7, 6)$  lie on the line  $y = 2x - 5$

5) Find the  $n^{\text{th}}$  term of the sequence 23, 19, 15, 11, ...

85.2



- 1) Find the gradient and y-intercept of the line

$$2y = 6x + 5$$

- 2) Express 21 out of 40 as a percentage

- 3) Work out  $2\frac{2}{3} - 1\frac{3}{4}$

- 4) Round 3447 to one significant figure

- 5) Find 3% of £27

85.3



1) Work out  $1.8 + 1.7 \times 1.6$

2) Complete the ratio  $3 : 8 = 24 : ?$

3) Solve  $4x + 5 = 2x - 7$

4) Does the point  $(2, 4)$  lie on the line  $y = 3x - 2$

5) Find the  $n^{\text{th}}$  term of the sequence 25, 29, 33, 37, ...



85.4

1) Find the gradient and y-intercept of the line

$$x + y = 5$$

2) Express 34 out of 400 as a percentage

3) Work out  $3\frac{1}{4} \div 2\frac{3}{5}$

4) Round 0.0362 to one significant figure

5) Find 7% of £12

85.5



1) Work out  $1.6 - 0.5 \times 1.2$

2) Complete the ratio  $5 : 4 = ? : 24$

3) Solve  $3x - 4 = 16 - 2x$

4) Does the point  $(6, 2)$  lie on the line  $y = 2x + 2$

5) Find the  $n^{\text{th}}$  term of the sequence  $-3, -7, -11, -15, \dots$

85.6



1) Find the gradient and y-intercept of the line

$$2y - 6x = 8$$

2) Express 34 out of 40 as a percentage

3) Work out  $3\frac{1}{5} - 1\frac{3}{4}$

4) Round 448.67 to one significant figure

5) Find 2% of £148